AUTODOC CLUB

How to change fuel filter on **Mercedes W204** – replacement guide





VIDEO TUTORIAL

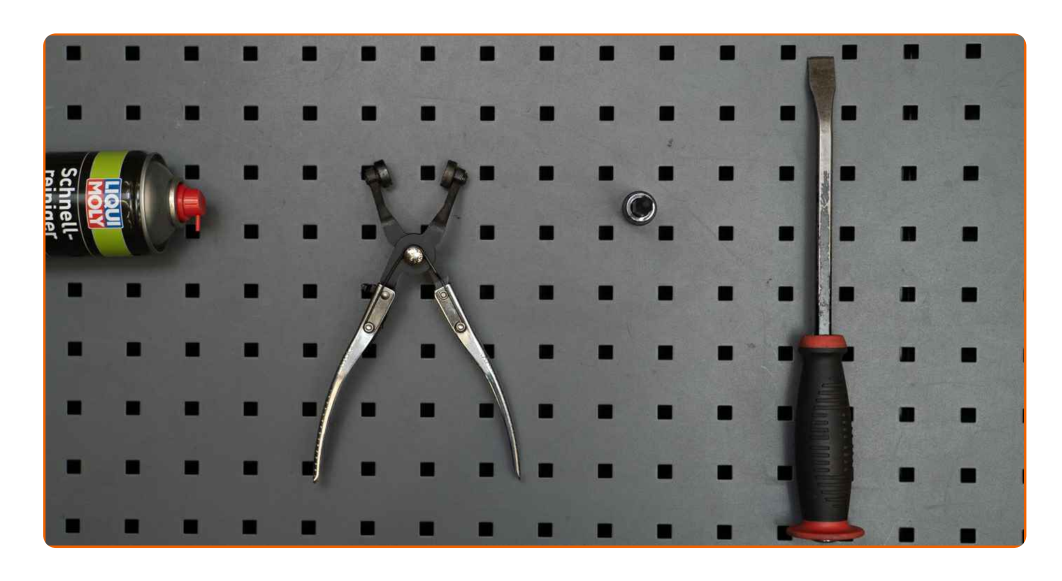


Important!

This replacement procedure can be used for:
MERCEDES-BENZ G-Class Off-Road (W461) G 280 CDI (461.304, 461.346, 461.370, 461.334, 461.339,..., MERCEDES-BENZ Sprinter 3.5-T Minibus (W906) 318 CDI 3.0 (906.731, 906.733, 906.735), MERCEDES-BENZ Sprinter 3.5-T Platform/Chassis (W906) 313 CDI 2.2 4x4 (906.131, 906.133, 906.135), MERCEDES-BENZ C-Class T-modell (S203) C 220 CDI (203.208), MERCEDES-BENZ Vito Mixto (W639) 122 CDI 3.0, MERCEDES-BENZ Vito Minibus (W639) 122 CDI 3.0, MERCEDES-BENZ Viano (W639) CDI 3.0 (639.811, 639.813, 639.815), MERCEDES-BENZ A-Class (W169) A 200 CDI (169.308, 169.008), MERCEDES-BENZ E-Class T-modell (S211) E 220 T CDI, MERCEDES-BENZ E-Class Saloon (W211) E 220 CDI, MERCEDES-BENZ S-Class Saloon (W221) S 350 CDI, MERCEDES-BENZ Sprinter 2-T Minibus (W901, W902) 216 CDI 2.7, MERCEDES-BENZ Sprinter 3-T Minibus (W903) 316 CDI 2.7, MERCEDES-BENZ Sprinter 2-T Van (W901, W902) 216 CDI 2.7, MERCEDES-BENZ Sprinter 2-T Platform/Chassis (W901, W902) 216 CDI 2.7, (+ 179)

The steps may slightly vary depending on the car design.

REPLACEMENT: FUEL FILTER – MERCEDES W204. LIST OF THE TOOLS YOU'LL NEED:



- All-purpose cleaning spray
- Torx bit T20
- Clic-R collar pliers
- Crow bar
- Fender cover

BUY TOOLS



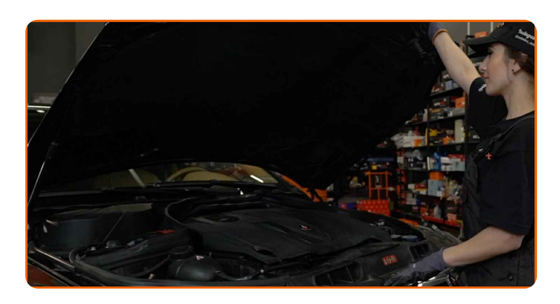


Replacement: fuel filter – Mercedes W204. Tip from AUTODOC:

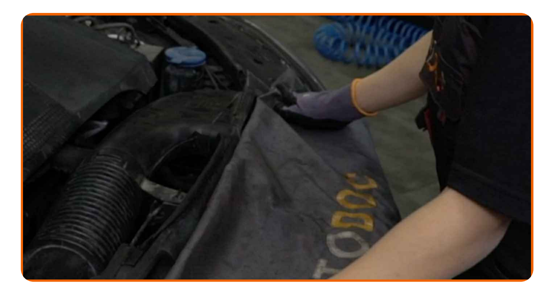
- Ensure adequate ventilation of the workplace. Fuel vapors are poisonous.
- Please note: all work on the car – Mercedes W204 – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

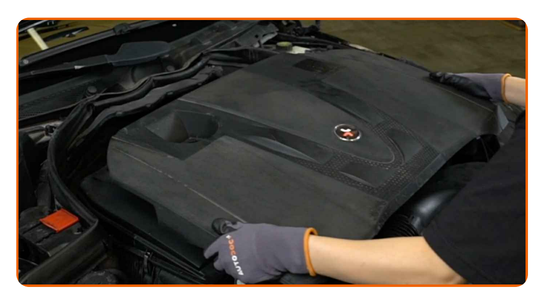
1 Open the hood.



2 Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.



3 Remove the engine cover.







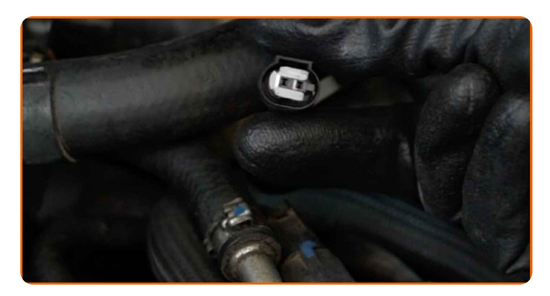
Replacement: fuel filter – Mercedes W204. Tip:

- Raise the engine cover, holding it on two sides simultaneously.
- Do not apply excessive force when removing the part. Otherwise you may damage it.

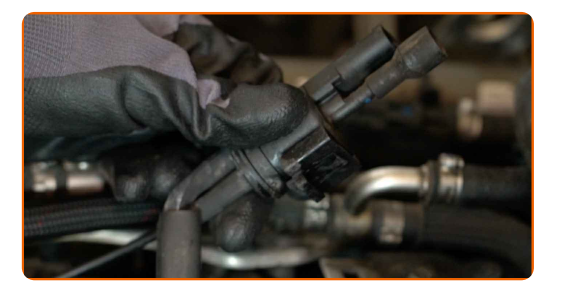
4 Clean the fasteners of the fuel supply lines. Use all-purpose cleaning spray.



5 Unplug the vacuum valve connector.



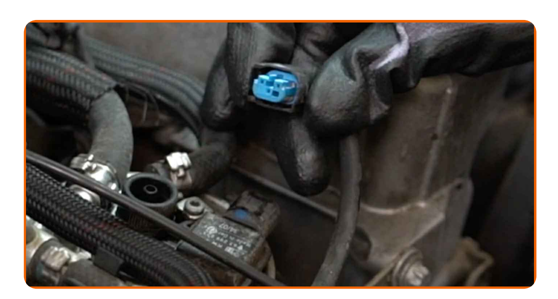
6 Detach the vacuum valve from its mounting seat and set it aside. Use a crowbar.



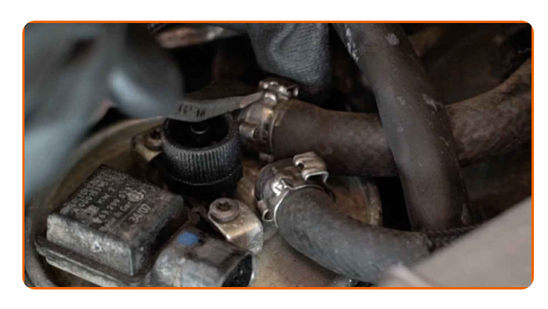




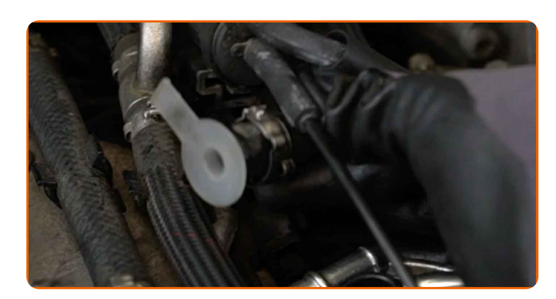
7 Detach the connector of the water-in-fuel sensor.



8 Loosen the fastening clamps of the fuel filter pipes. Use a crowbar.



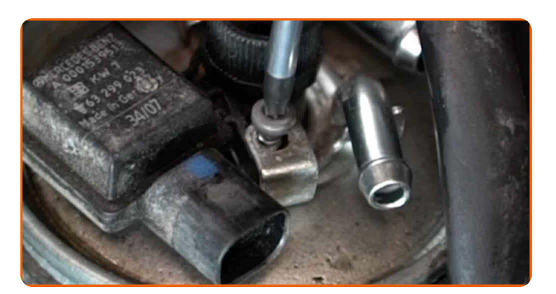
9 Detach the tubes from the fuel filter.



Replacement: fuel filter – Mercedes W204. AUTODOC recommends:

- Be careful! Fuel may leak from the filter housing and hoses.

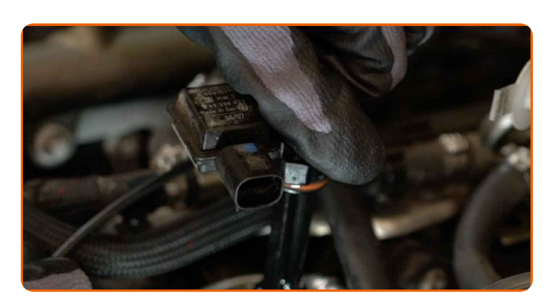
10 Unscrew the water-in-fuel sensor fasteners. Use Torx T20.







11 Disconnect the water-in-fuel sensor from the fuel filter.



12 Unclip the fuel filter retainer. Use a crowbar.



13 Remove the fuel filter.



14 Install a new fuel filter.



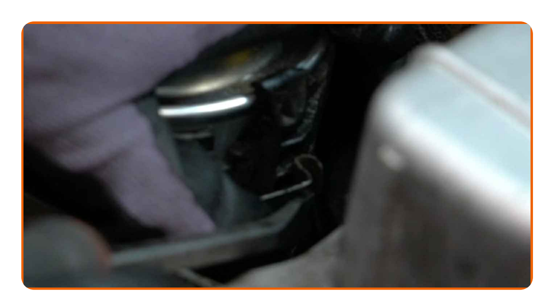
AUTODOC recommends:

- During installation, take care to prevent dust and dirt from getting into the fuel filter housing.
- Attention! Use quality filters – Mercedes W204.

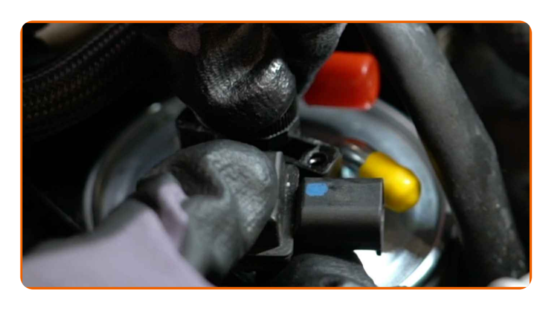




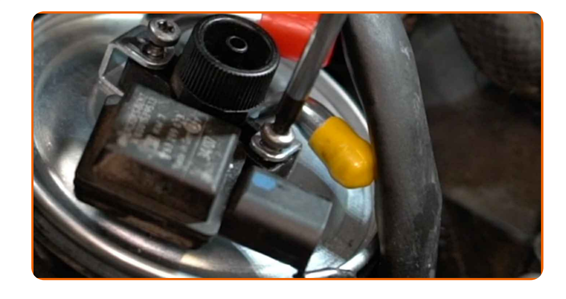
15 Fasten the fuel filter retainer. Use a crowbar.



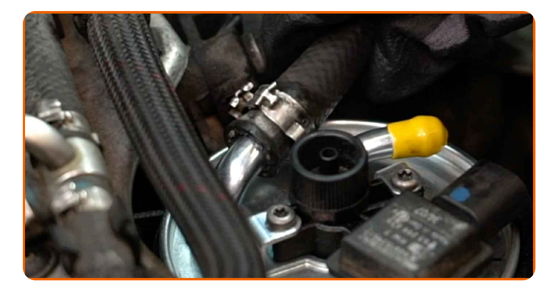
16 Install the water-in-fuel sensor.



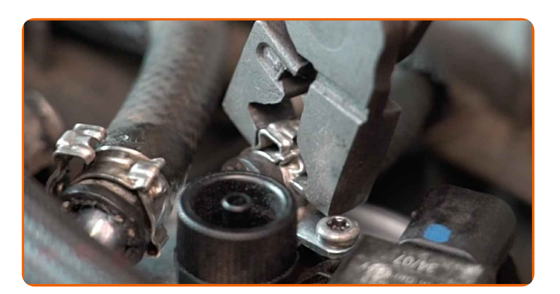
17 Screw in the water-in-fuel sensor fasteners. Use Torx T20.



18 Attach the tubes to the fuel filter.



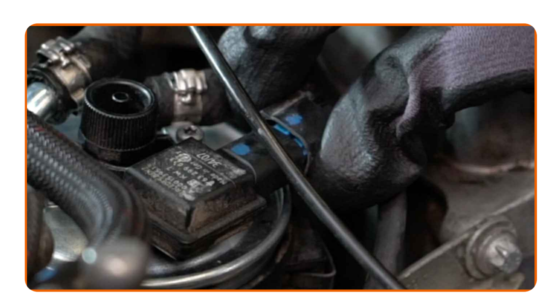
19 Tighten the fastening clamps of the fuel filter pipes. Use clic-R collar pliers.







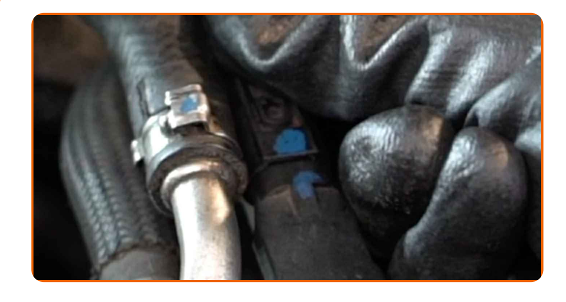
20 Attach the connector of the water-in-fuel sensor.



21 Install the vacuum valve.



22 Plug in the vacuum valve connector.



23 Prime the fuel system.



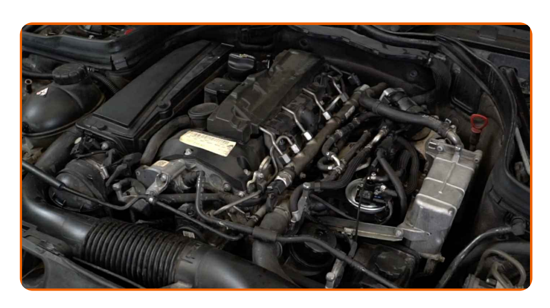
24 Clean the fuel filter. Use all-purpose cleaning spray.







25 Run the engine for a few minutes. This is necessary in order to make sure that the component operates properly.



26 Shut off the engine.

Replacement: fuel filter – Mercedes W204. Tip from AUTODOC experts:

- To protect the environment from pollution, be sure to dispose of the used filters at special collection points.

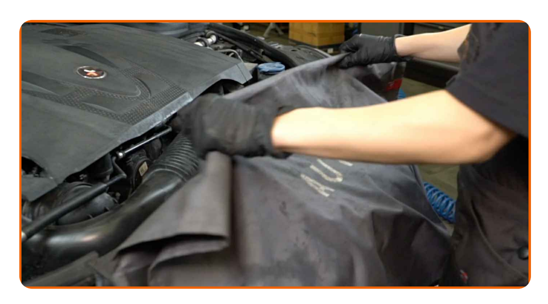
27 Install the engine cover and secure it.



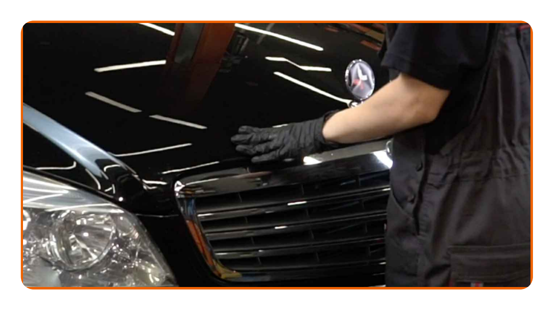
AUTODOC recommends:

- Replacement: fuel filter – Mercedes W204. Do not use excessive force during installation. This may damage the part.

28 Remove the fender protection cover.



29 Close the hood.





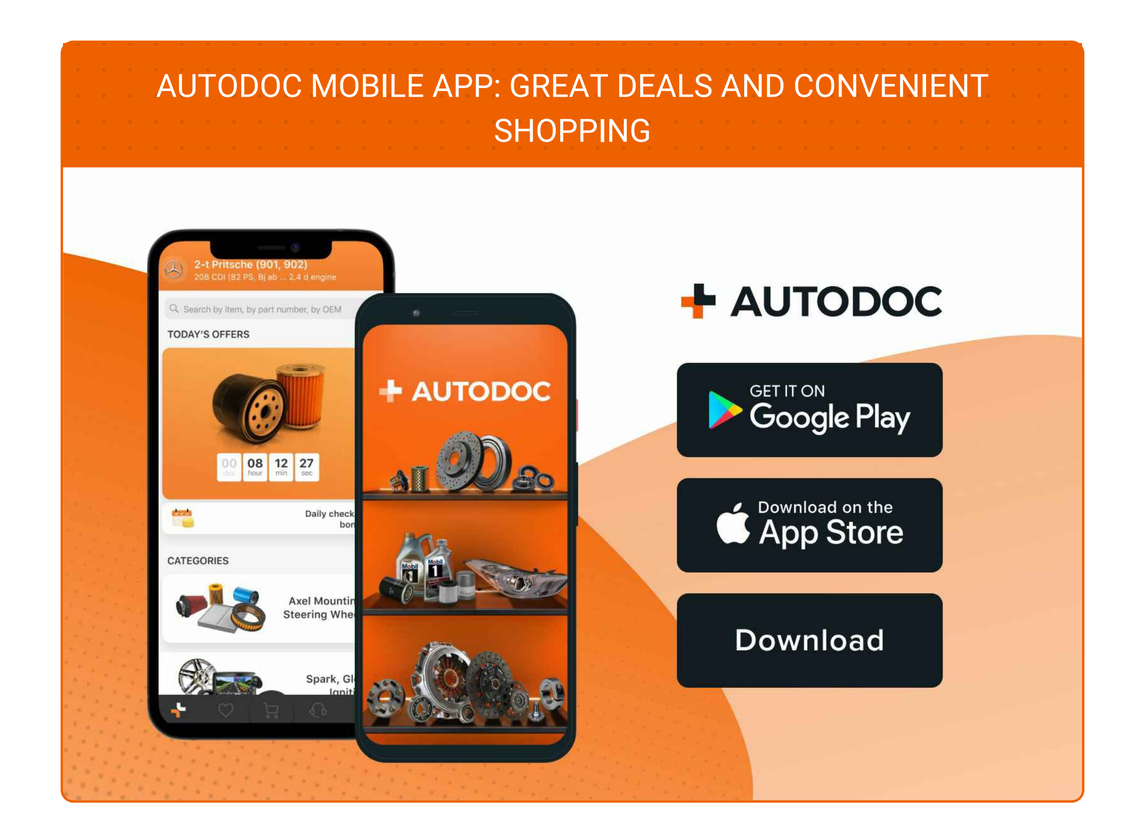
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